

### **REMARKS/ARGUMENTS**

Misnumbered claims 10, 10, 11 and 12 have been renumbered 10 to 13, respectively. Claim 13 was objected to under 37 CFR 1.75(c) as being of improper dependent form. Claims 9 and 10 were rejected 35 U.S.C. §112, second paragraph, as being indefinite. Claims 6, 7 and 11 to 13 were rejected under 35 U.S.C. §102(b) as being anticipated by Nakayama et al. (U.S. Patent 5,112,025). Claims 6 to 8 and 11 to 13 were rejected under 35 U.S.C. §102(b) as being anticipated by Miya et al. (U.S. Patent 6,517,339). Claims 9 to 12 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Nakayama et al. (U.S. Patent 5,112,025).

The specification has been amended. Claims 6 to 13 have been canceled without prejudice. Claims 14 to 24 have been added.

Reconsideration of the application is respectfully requested.

#### **Claim Objection**

Claim 13 was objected to 37 CFR 1.75(c) as being of improper dependent form for failing to further limit the subject matter of a previous claim.

New claim 18 recites: "The molding tool as recited in claim 14 wherein the molding tool is a polyurethane molded foam body molding tool."

The molding tool claimed in claim 18 is a polyurethane molded foam body molding tool. Polyurethane molded foam body molding tools are known specific types of molding tools to those of skill in the art, and thus recite a structure different from other molding tools. For example, a compact disc (CD) case is a different structure to those of skill in the casing art than a tape cassette case. Polyurethane molded foam body molding tools do not have stampers or other parts found with CD molds, and are known to those of skill in the art as different structures.

Withdrawal of this objection thus is respectfully requested.

#### **35 U.S.C. 112 Rejections**

Claims 9 and 10 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 9 and 10 have been canceled and corresponding claims 16 and 17 have been added. Support for new claims 16 and 17 is found in original claim 4, for example.

The specification at [0012] has been amended, support being found in original claim 4 and original specification at [0012], for example.

Withdrawal of the rejection under 35 U.S.C. §112, second paragraph thus is respectfully requested.

#### 35 U.S.C. 102 Rejections

Claims 6, 7 and 11 to 13 were rejected under 35 U.S.C. §102(b) as being anticipated by Nakayama et al. (U.S. Patent 5,112,025). Claims 6 to 8 and 11 to 13 were rejected under 35 U.S.C. §102(b) as being anticipated by Miya et al. (U.S. Patent 6,517,339).

Claims 6 to 8 and 11 to 13 have been canceled without prejudice.

Withdrawal of this rejections under 35 U.S.C. §102(b) thus is respectfully requested.

#### 35 U.S.C. 103 Rejections

Claims 9 to 12 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Nakayama et al. (U.S. Patent 5,112,025).

Claims 9 to 12 have been canceled.

Withdrawal of the rejection under 35 U.S.C. §103(a) thus is respectfully requested.

#### New Claims

New claims 14 to 24 have been added, support being found in original claims 1 to 5 for example. These claims are submitted to better address the present invention.

New claims 14, 15 and 19 are independent.

#### Claim 14

New claim 14 recites: "A molding tool for producing molded foam bodies by filling an expandable reactive mixture into a mold comprising:

shaping internal surfaces having a lotus leaf-type microstructuring coating."

Neither Nakayama et al. nor Miya et al. teaches or discloses “shaping internal surfaces having a lotus leaf-type microstructuring coating” as claimed, and allowance of claim 14 and its dependent claims is respectfully requested.

Claim 15

New claim 15 recites: “A molding tool for producing molded foam bodies by filling an expandable reactive mixture into a mold comprising:

shaping internal surfaces having a permanent anti-adherence coating made of a fluorinated plastic.”

Neither Nakayama et al. nor Miya et al. teaches or discloses “a molding tool for producing molded foam bodies by filling an expandable reactive mixture into a mold.” The molds of Nakayama and Miya are disk molds, for molding, for example, a compact disk, an optical disk, a laser disk or the like (see col. 1, lines 6 to 12 of Nakayama and col. 1 lines 6 to 13), which are different from expandable molded foam body molds. The disks (e.g. CDs) are made of heated fluid which is pressed. The present invention is a mold for an expandable reactive mixture, such as those for use with polyurethane foam. It is respectfully submitted that it would not have been obvious to one of skill in the art to look to disk molds for teachings related to molded foam body molds.

Claim 18

With respect to claim 18, neither Nakayama et al. nor Miya et al. teaches or discloses a polyurethane molded foam body molding tool, as claimed.

Claim 19

New claim 19 recites: “A molding tool for producing molded foam bodies by filling an expandable reactive mixture into a mold comprising:

shaping internal surfaces having a permanent anti-adherence coating having a diamond like coating with a thickness of 1  $\mu\text{m}$  to 50  $\mu\text{m}$ .”

Neither Nakayama et al. nor Miya et al. teaches or discloses “a molding tool for producing molded foam bodies by filling an expandable reactive mixture into a mold.” The molds of Nakayama and Miya are disk molds (see col. 1, lines 6 to 12 of Nakayama and col. 1 lines 6 to 13), which are different from expandable molded foam body molds.

Claim 21

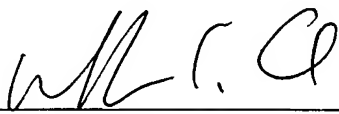
With respect to claim 21, neither Nakayama et al. nor Miya et al. teaches or discloses a polyurethane molded foam body molding tool, as claimed.

It is respectfully submitted that the subject matter of new claims 14 to 25 is not anticipated by nor is obvious in view of any known references.

**CONCLUSION**

The present application is respectfully submitted as being in condition for allowance and applicants respectfully request such action.

Respectfully submitted,  
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